Recommended Program of Study for:
Database Design

Career Cluster: Information Technology | **Career Pathway: Programming and Software Development**

9th Grade	10th Grade	11th Grade	12th Grade	Postsecondary
English I	English II	English III	English IV	College of Southern Nevada Great Basin College Nevada State College Truckee Meadows Community College University of Nevada, Las Vegas University of Nevada, Reno Western Nevada College
Algebra I	Geometry	Algebra II	Senior Level Math Course	
Biology	Chemistry or Geoscience	Junior Level Science Course	Elective[1]	
Health / Computer Literacy	World History	US History	US Government	
Physical Education	Physical Education	Foreign Language[2] or Elective[1]	Foreign Language[2] or Elective[1]	
Database Design I	Database Design II	Database Design III	Database Design Advanced Studies	**Career and Technical Student Organizations**

Work-Based Learning	Secondary	-- Articulation --	Postsecondary	Career and Technical Student Organizations
Job Shadowing Internship / Work Experience Career Day / Fair Field Trips / Guest Speakers	Database Design I Database Design II Database Design III Database Design Advanced Studies		Up to 6 credits at College of Southern Nevada Up to 6 credits at Truckee Meadows Community College (subject to change)	SkillsUSA

CTE Assessments[3]	Available Industry Certifications		High Wage - High Skill - High Demand Careers[4]	
-End of Program Technical Assessment for Database Design - Workplace Readiness Skills Assessment (for Employability Skills Standards)	**Certification** Oracle Certified Associate (OCA)	**Provider** Oracle	Database Administrator Database Developer Program manager	Test Engineer Data Modeler

This Program of Study is based upon the requirements needed for an Advanced Diploma. Academic course names may vary among school districts. All students must pass the high school proficiency exams to qualify for any high school diploma.

[1] Electives may include arts and humanities courses or other career and technical education courses that relate to the program of study.

[2] Foreign Language courses are recommended if a student is planning on entering a university. (See individual university admission policies)

[3] CTE Assessments will be administered during the completion level CTE course.

[4] For additional career and employment information visit http://www.nvcis.intocareers.org/ and http://www.NevadaYouth.org